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Public Services Department
Michael J. Bobinsky, Director

31 December 2012

Mr. Stephen Bushey, P.E.,
Senior Engineer,
DeLuca-Hoffman Associates,
778 Main Street,
South Portland, Maine 04106

**RE: The Capacity to Handle Wastewater Flows, from the Proposed Conversion, of
the Former Gannett Building, at 119 Exchange Street, into a Hotel and Restaurant.**

Dear Mr. Bushey:

The existing twenty-four inch vitrified clay sewer pipe, located in Exchange Street, has adequate capacity to **transport**, while The Portland Water District sewage treatment facility, located off Marginal Way, has adequate capacity to **treat**, the total anticipated net increase in wastewater flows of **15,427 GPD**, from the proposed hotel-restaurant.

The City combined sewer overflow (C.S.O.) abatement consent agreement (with the U.S.E.P.A., and with the Maine D.E.P.) requires C.S.O. abatement, as well as storm water mitigation, in order to offset any increase in sanitary flows, from all projects.

If the City can be of further assistance, please call 874-8832.

Sincerely,
CITY OF PORTLAND

Frank J. Brancely, B.A., M.A.
Senior Engineering Technician

FJB

Anticipated Net Increase in Wastewater Flows from the Proposed Hotel-Restaurant Project:

The Proposed Restaurant:

80 Proposed Three-Meal-Restaurant Seats @ 45 GPD/Seat	=	3,600 GPD
10 Proposed Lounge-Bar Seats @ 20 GPD/Seat	=	200 GPD
25 Proposed Employees @ 15 GPD/Employee	=	<u>375 GPD</u>
	=	4,175 GPD

The Proposed Hotel:

110 Proposed Hotel Rooms @ 100 GPD/Hotel Room	=	11,000 GPD
30 Proposed Employees @ 15 GPD/Employee	=	<u>450 GPD</u>
	=	11,450 GPD

Total Wastewater Design Flow, from the Proposed Hotel-Restaurant Project:	=	15,625 GPD
Less Wastewater Flows from Previous Tenant	=	<u>(198)GPD</u>
Total Anticipated Net Increase in Wastewater Flows for this Project	=	15,427 GPD

CC: Jeffrey Levine, Director, Department of Planning, and Urban Development, City of Portland
 Barbara Barhydt, Development Review Services Manager, Department of Planning, and Urban Development, City of Portland
 Shukria Wiar, City Planner, Department of Planning, and Urban Development, City of Portland
 David Margolis-Pineo, Deputy City Engineer, City of Portland
 Michael Farmer, P.E., Project Engineer, City of Portland
 Bradley A. Roland, P.E., Environmental Projects Engineer, City of Portland
 John Emerson, Wastewater Coordinator, City of Portland
 Rhonda Zazzara, Field Inspection Coordinator, City of Portland
 Jane Ward, Administrative Assistant, City of Portland

P. S. Steve,

Please address the following. 1. Show the location of the external grease trap, on your utility plan. 2. Show the location of the control manhole associated with the external grease trap, on your utility plan. 3. Show the sizing calculations, for your external grease trap, in terms of the restaurant process flows.

Frank